## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE     |
|---------------------------|----------|--------|----------|
| FEE DETERMINATION         | Ling     |        | 3 3,0    |
| O.I.P.E. CLASSIFIER       | , V      | 10     | 3-13-60  |
| FORMALITY REVIEW          | NB       | 65575  | 11/28/00 |
| RESPONSE FORMALITY REVIEW |          |        |          |

## INDEX OF CLAIMS

| ~ | Rejected                   | N | Non-electe   |
|---|----------------------------|---|--------------|
|   | Allowed                    | l | Interference |
| _ | (Through numeral) Canceled |   | Appeal       |
|   | Restricted                 | 0 | Objected     |

## **BEST AVAILABLE COPY**

| ſ        | Cla | im            | Г              |            |             |  | Da                    | te   | _        |              |                |  | ר    | Cla       | im             | Г            |              |  |  | Да             | te           |          |   |          | $\neg$   | C        | alm           |          |          |                 | Dat                                      |          |          |                 |                    | ٦             |
|----------|-----|---------------|----------------|------------|-------------|--|-----------------------|--|----------|--------------|----------------|--|------|-----------|----------------|--------------|--------------|--|--|----------------|--------------|----------|---|----------|----------|----------|---------------|----------|----------|-----------------|--|----------|----------|-----------------|--------------------|---------------|
| ۲        | _   |               | 6              | Ι,         | Ľ           | (e   | 2                     | 1  | F        | Т            | Г              | T  | 1    |           |                | 7            |              | 3  | 3  | ৰ              |              | F        | 1   | Т        | $\dashv$ | <u> </u> | $\overline{}$ | Т        | Τ        |                 | 1  | 7        |          | П               | T                  | ᅱ             |
| 1        | ڇ   | Original      | 10             | 5          | 3           | 14/14  | Edlox 19              | (4)  | +        | 1            | 1              |  |      | ᇛ         | Original       | 300          | 11/2/11      | 42100  | 126010   | C  30  0       | 11/6         | ۱        |   |          |          | <b>=</b> | Original      |          | 1        |                 | 30                                       | 71.115   | ا ۱      |                 |                    |               |
|          |     | ዿ፝            | Ø              | <b> </b> = | B           | 12   | 3                     | Ñ  | +        | 1            | l              |  | 1    | Final     | ŏ              | 0            | 13           | ₩  | ł  | 13             | 7            | ┞│       |   | 1        |          | E        | ا             | '        | ١,       |                 | 61.                                      | ᄍ        | ۱ ۱      |                 |                    | 1             |
| H        | 71  | $\overline{}$ | V.             | Н          |             |  | _                     | 1  | ┪        | 1            | †              | T  | 1    | $\vdash$  | E4             | Γ.           |              | 4  | 丿  | V              | abla         |          | 7   | $\top$   | 7        |          | (01)          |          | Τ        | П               | 1  | V        | F        | $\Box$          | 十                  | ┪             |
| ۲        | Ч   | 4             | E              | 1-         | $\vdash$    | <u> </u>   | _                     | ┰  | 1        | ✝            | 1              | 1-   | 1    | <b>—</b>  | 522            | Ŀ            | レ            | 1  | Ť  | Ť              | Ť            | $\vdash$ | 寸   | 十        | 7        | _        | 102           | T        | 1        |                 | 7  | j        | П        | 一               | $\dashv$           | ┪             |
| r        | ┪   | ┰             | -              | ┢          | 1-          | <del>                                     </del> | $\vdash$              | $\vdash$   | ┢        | -            | ┪              | Н  | 1    | $\vdash$  | 3              | E            | 1            | <del> </del> ─                                   | t  |                |              |          | -   | $\dashv$ | 1        | $\vdash$ | 103           | +        | †        | Н               | Ż  | Ĭ        | Н        | П               | +                  | ᅥ             |
| H        | -   | ╁             | ÷              | ⊢          | ┢           | ╁  | ├                     | ⊢  | ╁        | ╁            | ╁              | ╂╼   | 1    | $\vdash$  | 34             | 1-1-1-1-1-   | -            | ┼  | ╁  | ╁╌             | H            | -        | $\dashv$  | -+       | 1        |          | 104           | ┿        | +-       | Н               | ż  | Ž        | Н        | Н               | +                  | ᅥ             |
| H        | ┪   | 1             | $\equiv$       | 一          | ┢           | -  | $\vdash$              | ┢  | ┪        | ┢            | ╁              | 1-   | 1    |           | 4              | 主            | 7            | +  | $\vdash$   | $\vdash$       | <del> </del> |          | 7   | 十        | ┪        |          | 105           | 十        |          | Н               |  | Ň        | П        | Н               | 十                  | ┪             |
| $\vdash$ | -   | ╁             | 7              | ┢          | ╌           | $\vdash$   | ┢                     | ┢  | Н        | $\vdash$     | ┯              | H  | 1    | $\vdash$  | Š              | -1 -4 -1 -4- | 1            | 1  | $\vdash$   | $\vdash$       | Н            | М        | -   | +        | ┪        |          | 106           | +        |          | М               | "  | V        | П        | Н               | +                  | ヿ゙            |
| h        | ┪   | Ŧ             | $\overline{}$  | -          | ┢           |  | -                     | ۰  | Ė        | $\vdash$     | Н              | <del>                                     </del> | 1    | $\vdash$  | 3              | Ì            | ┢            | ┰  | <del>                                     </del> |                |              |          | _   | 十        | ┪        |          | 107           | +        |          | М               | Ż  | V        | П        | Н               | 十                  | ヿ             |
| h        | -   | Ь             | 7-1-           | ⊢          |             | 1  | _                     | -  | 1        | +            | 十              | H  | 1    |           | 58             | ÷            | <del> </del> | ╁╴   | $\vdash$   | $\vdash$       | Н            |          | 7   | -†       |          | } -      | 108           | _        | 1        | Н               | Ž  | Ĭ        |          | М               | 十                  | ٦             |
| H        | ┪   | 6             | -              | -          | -           | -  | -                     | -  | ╁╌       | +-           | ╁╴             | ╁╌   | 1    | $\vdash$  | ŝ              | ÷            | 7            | 15   | 1  | ~              | V            | Н        | 十   | 十        | -        | $\vdash$ | 109           | +-       | 1        | H               |  | Ĭ        | -        | $\vdash$        | 十                  | ᅥ             |
| H        | ┪   | 6             | =              | ┢          | ├-          | ┢  | -                     | $\vdash$   | ┢┈       | ╁╌           | ╁╌             | ┢  | 1    | $\vdash$  | 23             | Ė            | ١            | i i  | <u> </u>   | رزا            | Ĭ            | Н        | $\dashv$  | $\dashv$ | -        | $\vdash$ | 110           | +        | 1        | $\vdash$        | 5  |          |          |                 | +                  | ᅥ             |
| H        | +   | ř             | -              | ⊢          |             | -  | -                     | -  | ⊢        | ╁            | ╁              | ┢  | ┨    | $\vdash$  | 3              | +            | 5            | 7  | ┢─   | ۳              | ۲            | -        | $\dashv$  | ╅        | $\dashv$ | -        | (11)          | +-       | -        | Н               |  | *        | H        |                 | ┿                  | ┥             |
| H        | 4   | 2             | +              | -          |             | Н  | -                     | -  | ⊢        | ╁            | ⊢              | Ͱ  | 1    | +         | 9              | 1            | ۱÷           | -  | ╁─   | Н              | Н            |          | $\dashv$  | ╅        | $\dashv$ | -        | 12            | +        | H        | Н               | <u> </u>                                 | Ч        | $\vdash$ | $\vdash$        | ┰                  | ᅥ             |
| H        | 4   | 3             | ÷              | $\vdash$   | $\vdash$    | H  |                       | -  | ┢        | 1            | -              | ╁  | 1    | $\vdash$  | 82             | 4. +-        | $\vdash$     | -  | ╁  | $\vdash$       | Н            | $\vdash$ | +   | +        | $\dashv$ | $\vdash$ | 113           | +        | H        | Н               | N  |          | -        | Н               | +                  | ᅱ             |
| H        | 4   | -             | ÷              |            |             | ┢┥   | <del> </del>          | $\vdash$   | -        | +            | -              | ├  | 1    | $\vdash$  |                | 7            | 1            | 1  | V  | <del> </del>   |              | Н        |   | +        | 4        | $\vdash$ | _             | +        | ╌        | Н               | 4  | V        |          | $\vdash \vdash$ | +                  | ᅱ             |
| F        |     | 14            | Ë              | ⊢          | ⊢           | Н  |                       | -  | ⊢        | <del> </del> | ⊢              | ⊢  | -    | $\vdash$  | 64             | 긒            | ۲            | 13   | ۳  | 2              | М            | $\vdash$ | -+  | +        | $\dashv$ | $\vdash$ | 114           | ╫        | -        | Н               | 4  | -4       | $\vdash$ |                 | +                  |               |
| Ľ        | 1   | 5             | 1.1            | -          | <u> </u>    | Ш  | $\vdash$              | <u> </u>   | ŀ        | 1            | -              | ₽-   | 1    | $\vdash$  | N.             | Ŧ            | L            | ١.   | ٠.,  | ₽              | Н            | Н        | -   | +        | $\dashv$ | -        | (15)          | +        | $\vdash$ | Н               | 4  | -4       | $\vdash$ | $\vdash$        | +                  | ᅱ             |
| L        | 4   | 6             |                | L          | Ŀ           | Щ  | _                     | L_   | L.       | ┞-           | Ľ              | ⊢  | 1    | $\perp$   | 66             | ÷            | ~            | 두  | ~  | 14             | $\bowtie$    | Ш        | 4   | +        | 4        | ۱.       | 118           | +        | $\vdash$ | $\sqcup$        | N  | ړ        | $\vdash$ | ├               | +                  | 4             |
| Ļ        |     | 7             | 11.14          | L          | <u> </u>    | <b> </b>   |                       | <u> </u>   | ļ        | 1            | _              | ┞-   | 1    |           |                | +            | <b>!</b>     | æ  | -  |                | إمها         |          | -   | -        | 4        | $\vdash$ | 117           | ┼        | Н        | $\vdash \vdash$ | 4  | Y        | $\vdash$ | <b>—</b>        | -+                 | 4             |
| Ĺ        | _ļ  | 8             | ÷              | Ŀ          | L           | Ш  | Щ                     | L  | ننإ      | 1:           | L              | <u> </u>   | 1    | Ш         | 68)            | T            | 1            | 1  | ~  | 1              | <b>V</b>     | Щ        | _   | 4        | - -      | +        | 118           | +-       | $\vdash$ | $\sqcup$        | 4  | 4        | Ш        | $\vdash \vdash$ | 4                  | 4             |
| Ŀ        | 1   | 9             | ٠ <u>٠</u> .   |            | Ľ           | Ш  |                       |  |          | <u>  </u>    | L              | Ŀ  | 1    | $\Box$    | 20             | =            | _            | L  | <u> </u>   | Щ              | Ш            |          | _   | 4        | _        | _        | 119           | <b>↓</b> | $\sqcup$ | Ш               |  | ᆚ        | Щ        | Ш               | 4                  | ┙             |
| L        |     | <b>2</b> p    | 1- 1-1-1-1-1   | 1          | ا<br>زود:   |  |                       |  | Vi ja    |              | ١.             |  | 1. ` | · -       | X              | ÷            | :            |  |  |                |              |          |   | _1       | J        | L        | 120           | 1        |          |                 |  | Ш        | Ш        | Ш               | 丄                  | ╛             |
| L        | ा   | 扌             | 1              | 3          | ·           |  | 77                    |  |          | 1            |                | 1  | ١,   |           | $\overline{a}$ | + + +        | 7            | ÷<br>÷   | 2  | Г              |              |          | T   |          | 7        | Г        | 121           | Τ        |          |                 |  | $\Box$   |          |                 | $\Box$             | ⅃             |
| ۲        | ा   | 22            | Ы              |            |             | 30   |                       | 10   |          | 1            | 12.5           |  | 1    | .         | 7              | 4            | -            | 14   | N  |                |              |          |   |          | 7        |          | 122           | Т        | П        |                 | ╗  | П        | $\Box$   |                 | $\overline{\cdot}$ | _             |
| L        |     | 毐             | 1              | 3          | $P_{i}^{i}$ |  |                       | 7  | ~ i.     |              | >              |  | 1 .  | $\Box$    | 7              | ÷            |              | 1  | , ·  |                |              |          | 丁   | T        | 7        |          | 123           | T        |          | П               |  | $\Box$   |          | П               | Т                  | $\exists$     |
| ۲        | 1   | 24            | H              | +3°        | 7           |  |                       | ,  | ΙŤ       | ۲            | 1              |  | 1    | $\Box$    | *              | -            | 5            | 1  |  |                |              |          |   |          | ٦.       |          | 124           | Т        |          | П               | $\neg$                                   | П        | П        | П               | $\top$             | $\overline{}$ |
| r        | 7   | 26            | 1              |            |             | . 7  | $\overline{}$         | -  | г        |              | 1              | Ι.   | 1    | П         | 1              | ذ            | г            | Г  |  | П              |              |          | $\neg$  | ┪        | 7        |          | 125           | Τ        |          |                 |  | П        | П        | П               | Т                  | ٦             |
| r        | 1   | 24            | 4 4 1          | $\vdash$   |             |  |                       |  | Н        | 1            | Ι.             | ┰  | 1    | Н         | ж              | 14-1         | ~            | 1  |  | П              |              |          | _   | $\top$   | 7        | $\Box$   | 126           | 1        | Ħ        | T               | T  | $\neg$   | П        | ╗               | T                  | ٦             |
|          | 7   | 2             | ÷              | <u> </u>   | Н           | Н  |                       | -  | Η-       | Ť            | ┢              | 1  | 1    | Н         | ¥              | -            | -            | ┥  | -  | Н              | $\dashv$     |          | ┪   | 寸        | 7        | -        | 127           |          | M        | $\neg$          | ╗  | ┪        | $\neg$   | コ               | 十                  | ٦             |
| L        | +   | 20            | ÷              | $\vdash$   | H           | Н  | -                     |  | Н        | -            | <del> </del>   | <del> </del>                                     | 1    | Н         | *              | =            | 7            | ┪  | $\vdash$   | Н              | $\neg$       | $\vdash$ | 7   | +        | 1        | $\vdash$ | 128           | 1.       | Н        | $\neg$          | ┪  | 7        | ╗        | $\neg$          | 十                  | ٦             |
| F        | +   | 2             | 4              | -          | $\vdash$    | Н  |                       | -  | -        | +-           | ╁              | -  | ┨ -  |           | 78             | 5            | Ť            | 宁  | ~  |                | . /          | Н        | 十   | +        | -        | $\vdash$ | 129           | +        | H        | 1               | ┪  | ┪        | _        | ╛               | 十                  | ٦             |
| H        | Ŧ   | 3             | +              | H          | ⊢           | Н  | -                     | Н  | -        | ├-           | ├              | ├  | 1    | H         | 80             | ┝            | ŀ            | -  | J  | V              | X            |          | $\dashv$  | +        | ┨.       | $\vdash$ | 130           | ╁╌       | Н        |                 | ┪  | 寸        | $\dashv$ | 寸               | 十                  | ٦             |
| H        | +   | #             | ÷              | ÷          | -           | H  | _                     | Н  | ⊢        | ⊢            | ⊢              | ⊢  | ł. ¹ | Н         | 81             | ⊢            | -            | H  | ۲  | 0              |              | -        | -+  | +        | -        | -        | 131           | ┿~       | Н        | -               | ┪  | ┪        | -        | ┪               | 十                  | ヿ             |
| ŀ        | 4   | 4             | 4-1-           | Н          | -           |  | -                     | <u> </u>   | ├-       | -            | Į÷.            | ┞  | þ    | Н         | 82             | ⊢            | ⊢            | H  | 4  | -              | 4            | Н        |   |          | -1       | $\vdash$ | 132           | ╂┈       | Н        | $\dashv$        | ┥  | ┪        | $\dashv$ | -+              | +                  | ┥             |
| H        | 4   | 32            | Ξ              | Н          | Н           | H  | _                     | <u> </u>   | _        | ├-           | ├              | ┞  | ١,   | Н         |                | -            | -            | H  | ~  | 4              | Y,           |          | -   | +        | -        | -        | 133           | ╁        | Н        | -               | -1                                       | $\dashv$ | $\dashv$ | -+              | +                  | ┨             |
| Ļ        | 4   | 39            | 1-1-           | Н          |             | Ш  |                       |  |          | -            | ļ.,            | ⊢  | 1    | $\vdash$  | 83             | <u> </u>     | ├            | Н  | 4  | 4              | V)           | Н        | -   | +        | -        | $\vdash$ | 134           | ╁        | H        | -               |  | -+       | -+       | $\dashv$        | +                  | ┥             |
| H        | 4   | 5             | Ξ              | Щ          | <u> </u>    | $\sqcup$   | Ш                     | <u> </u>   | <b> </b> | ⊢            | 1_             | ⊢  | L    | 1         | 84             | <del> </del> | <b> -</b> -  | Ą  | ~  | 4              | 4            | ш        | -   | +        | -        | $\vdash$ | 135           | +-       | Н        |                 | ┥  | -+       | -        | $\dashv$        | +                  | ᅱ             |
| E        | #   | 3038          | +-+            | ⊻          | Ļ           | Ш  | Ŀ                     | L-,  | _        | ├-           | <b> </b>       | Ļ  | Į ~  |           | 85             | <b>?</b> _   | $\vdash$     | <b> </b>   | <del> </del>                                     | 4              | $\checkmark$ | Н        |   | +        | 4        | -        | 136           | +        | Н        | -               | -  | $\dashv$ | $\dashv$ | -+              | +                  | $\dashv$      |
| L        |     |               |                | K          | 94          | 4  | K                     | Z  | _        | <b>_</b>     | <b>L</b>       | Ľ  | 1    |           | 88             | $\vdash$     | $\vdash$     | -  | $\vdash$   | M              | W,           | $\vdash$ | -   | +        | 4        | -        |               | +-       | Н        | $\dashv$        | -  | -        | $\dashv$ | ┰               | +                  | ┥             |
| L        |     | 37            |                | ✓          | Ц           | V  | 4                     | 1  | L        | ┞-           | L              | L  | Į    | $\square$ | T              | _            | ┡            | _  | <u> </u>   | М              | 4            | Щ        | $\dashv$  | +        | 4        | -        | 137           | +-       | Н        |                 | +  | $\dashv$ | -+       | ┥               | ┰                  | ┥             |
| L        |     | 38            | Η-             | V          | Ц           | $oldsymbol{\square}$                             | $\boldsymbol{\omega}$ | $\checkmark$                                     | L        | <u> </u>     | L              | ╙  | 1    | $\perp$   | 88             | L            | <u> </u>     | <b>—</b>   | <u> </u>   |                | V,           | Ш        | _   | 4        | 4        | $\vdash$ | 138           | ╀        | Н        | $\dashv$        | +  | -+       | -+       | $\dashv$        | +                  | $\dashv$      |
| L        |     | 39            | 4              | V          | Ш           | $\checkmark$                                     | V                     | V  | L.       | Ŀ            | L              | L  | 1    | $\Box$    | <b>69</b>      | L            | L            | _  | <u> </u>   | $ \mathbf{v} $ | V            | $\Box$   |   |          | 4        | $\vdash$ | 139           | ┼        | ⊢        |                 | -+                                       | 4        | $\dashv$ | -+              | +                  | $\dashv$      |
| Ŀ        | _   | 40            | 4.             | ١          | Ш           | ~  | V                     | 4  | L        | L            | L              | L  |      |           | 90             | L            |              | L  | L  | 2              | V            |          | _   | 4        | 4        | $\vdash$ | 140           | ╄-       | Щ        | _               | _  | 4        | -        | 4               | +                  | 4             |
| Γ        | T   | 41            | +.             | <b>\</b>   | П           | V  | V                     | V  | Γ        | Τ            | Γ              | Γ  | 1    |           | 91             |              |              |  |  | 7              |              |          |   |          | ╛        | L        | 141           | $\perp$  | Ш        |                 | ┙  | _        | _        | _               | $\bot$             | 1             |
| Γ        | 7   | 40            |                | 2          | π           | 7  | N                     | _  | Γ        | 1            | Π              | Т  | 1    |           | 92             |              |              |  |  |                | V            |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $\Box$   |          |          | 142           | $\perp$  | Ш        | Ц               | ┙  |          |          | _               | 4                  | 4             |
| Γ        | 1   | 4             | 45-04-14-14-14 | 2          | т           | ٨  | 2                     | T-   | Γ.       | 1            | Ī              | T  | 1    |           | 93             |              |              | Γ  |  | 1              | V            |          | $oldsymbol{\mathbb{I}}$                           | $\prod$  |          |          | 143           |          |          | _[              | ⅃  |          |          |                 | ユ                  | ┙             |
| Γ        | 1   | 4             | -              | 2          | H           | и  | N                     |  | Г        | 1            | T              | T  | 1    |           | <u>64</u>      | Γ            |              | Γ  | Γ  | 7              | V            |          | T   |          |          |          | 144           |          |          |                 | $ \_                                   $ | 丄        |          | $\perp$         | 丄                  | ╝             |
| ۲        | 7   | 45            | ÷              | 2          | 1           | 7  | 22                    | $\vdash$   | Т        | 1-           | H              | t  | 1    |           | 95             | Т            | 7            | Г  |  | IJ             | V)           | П        | T   |          |          |          | 145           |          |          | $\Box$          | J  | $\Box$   | $\Box$   | $\Box$          | $oldsymbol{\perp}$ | _]            |
| ۲        | 1   | 4             | Ţ              |            | Н           | H  | ••                    | <del>                                     </del> | -        | 1            | t              | H  | 1    |           | 96             | Ι-           |              | Г  |  |                | V            | П        | ┪   | 1        | 7        | Г        | 146           |          | П        |                 | ╗  | _1       | $\Box$   | $_{ m J}$       | $\Box$             |               |
| ۲        | 1   | đ             | ì              | Ž          | Н           | Н  |                       | -  | 1        | t            | <del>  -</del> | ┢  | 1    | $\vdash$  | 97             | 1            | -            | Т  | ┢  | バフ             | フ            | Н        | 7   | $\top$   | 7        |          | 147           | Τ        | П        | П               | ٦  | $\neg$   | T        | T               | T                  | П             |
| ۲        | ٦,  | đ             | 1              | 7          | $\vdash$    | Н  | -                     |  | -        | 一            | ┢              | ┢  | 1    | H         | 98             | $\vdash$     | H            | H  | ┢  | 17             | V            | $\vdash$ | ┪   | +        | 7        |          | 148           | 1        | П        | $\neg$          | ┪  | ヿ        | _        | 7               | 7                  | ٦             |
| ۲        | +   | £             | 7              | ₹          | $\vdash$    | ┢╌┥  |                       | -  | -        | +-           | ┢              | ┢  | 1    |           | 99             | $\vdash$     |              | 1  | ┢  | ار.            | V            | Н        | 十   | $\dashv$ | 7        |          | 148           | T        | П        | $\neg$          | 7  | 寸        | $\neg$   | づ               | $\top$             | ٦             |
| ۲        | +   | 50            | +              | V          | 4           | V  | 7                     | 1  | -        | H            | ├-             | ╁╌   | 1    | -         | 100            | Н            | 1            | <del>                                     </del> | -  | الثا           |              | $\vdash$ | +   | +        | 1        |          | 150           | T        | Н        | $\dashv$        | -1                                       | 寸        | ┪        | 7               | 十                  | ┪             |
| ᆫ        | _   | ~             | Ť              | Ľ          | لتا         | V  | ۰                     | -  |          | 1            | ــــا          | ۰.   | J    |           |                |              | _            |  | _  |                | ت            |          |   |          | _        | _        | ساتت          |          |          |                 |  |          | _        |                 |                    | _             |

If more than 150 claims or 10 actions staple additional sheet here

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